

Pages 11 and 12, the paragraph bridging these pages from page 11, line 25 to page 12, line 21, replace the bridging paragraph with:

Figs. 6A and 6B illustrate a reflection property when the dielectric block is coupled with the microstrip line formed on the GaAs substrate. The horizontal axis represents the frequency from 70 GHz to 85 GHz. The vertical axis represents the reflection by dB. Fig. 6A shows a case in which the resonator is made to resonate at the resonance frequency of the lowest order mode (TE_{018}). On the other hand, Fig. 6B shows a case in which the resonator is made to use a higher order mode except for the lowest order mode. In this example, the resonance frequency of the lowest order mode is about 38 GHz, and the resonator is made to use the resonance frequency of the higher order mode that appears at 76 GHz. These reflection properties show that as the peak of the curve is sharper, the Q factor of the resonance is higher. Moreover, as the Q factor is higher, it becomes easier to realize a resonator of a still lower phase noise. Further, as the peak of the curve is closer to 0 dB, the coupling is stronger. In consideration of Fig. 6A and Fig. 6B, it will be understood that realizing the resonance frequency 76 GHz by the higher order mode facilitates to attain a sharper peak of the